



The State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
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LOWELL P. BRAXTON  
*Division Director*

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*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

**Representatives Present During the Inspection:**

OGM	Pete Hess	Environmental Scientist III
Company	Mike Davis	

## Inspection Report

Permit Number:	C0410002
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, April 07, 2004
Start Date/Time:	04/07/2004 9:35:00 AM
End Date/Time:	04/07/2004 2:15:00 PM
Last Inspection:	Monday, March 15, 2004

Inspector: Pete Hess, Environmental Scientist III

Weather: Overcast; heavy rain, snow flurries; 40's F.

InspectionID Report Number: 232

Accepted by: pgrubaug  
04/12/2004

Permittee: **CANYON FUEL COMPANY LLC**

Operator: **CANYON FUEL COMPANY LLC**

Site: **SUFCO MINE**

Address: **397 S 800 W, SALINA UT 84654**

County: **SEVIER**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

**Current Acreages**

24,632.95	Total Permitted
27.36	Total Disturbed
	Phase I
	Phase II
	Phase III

**Mineral Ownership**

- ☒ Federal
- ☒ State
- ☐ County
- ☐ Fee
- ☐ Other

**Types of Operations**

- ☒ Underground
- ☐ Surface
- ☐ Loadout
- ☐ Processing
- ☐ Reprocessing

**Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:**

There are no compliance actions pending at the SUFCO Mine. The only permit condition currently included in Attachment "A" of the State issued permit is that the permittee must submit all water monitoring data to the Division's electronic web site. The permittee has been in compliance with this condition since May 30, 2002.

**Inspector's Signature:** \_\_\_\_\_

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

**Date** Wednesday, April 07, 2004

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining

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## Inspection Continuation Sheet

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### **REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENT**

1. *Substantiate the elements on this inspection by checking the appropriate performance standard.*
  - a. *For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.*
  - b. *For PARTIAL inspections check only the elements evaluated.*
2. *Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.*
3. *Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.*
4. *Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.*

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The permittee conducted the first quarter of 2004 impoundment inspections for the mine site sediment pond and the waste rock pond on March 24, 2004. There were no hazardous conditions, or signs of instability noted for either of the ponds. The mine site pond, UPDES outfall 002A, has been discharging for the past several months. The Waste rock pond, UPDES point 001A, normally does not discharge. There were no problems noted with either pond during today's field inspection.

#### **4.c Hydrologic Balance: Other Sediment Control Measures**

The permittee has repaired the sediment control measures located on the SSW side of the main electrical substation. The water tank located east of the main facilities area above the mine site was inspected. The channel reporting from the tank overflow is ripped; there was no indication of erosion noted here. All disturbed area perimeter markers are in place. This is an underground tank, with only the electronics for the water level indicator being located on the surface.

#### **4.d Hydrologic Balance: Water Monitoring**

The permittee uploaded the fourth quarter 2003 water monitoring information for the SUFCO permit area into the Division's electronic water monitoring web site on March 23, 2004. Laboratory analysis sheets for the fourth quarter submittal were reviewed this day; all cation/anion balances for the reviewed sample analyses were within the acceptable +/- 5% error range. Discharge monitoring reports for the sites' three permitted UPDES outfalls were reviewed for the months of January and February. There were no exceedances noted for either of the discharging outfalls, 002A or 003A. All reports had been completed for submittal in a timely manner. The permittee recently attempted to access the east fork of Box Canyon to determine if it was possible to renew water monitoring of that stream. According to Mr. Davis, the deep Canyon areas where sunshine has failed to directly shine remains under deep snow. These are the areas which are of the most interest to the Box Canyon monitoring regime.

#### **4.e Hydrologic Balance: Effluent Limitations**

The current UPDES permit expires on April 30, 2006. Due to the amount of water which the permittee discharges through UPDES point 003A, the permit is for a Major Industrial Facility.

**7. Coal Mine Waste, Refuse Piles, Impoundments**

The permittee conducted the first quarter of 2004 waste rock pile inspection on March 25, 2004. Mr. Mike Davis performed the inspection. There were no hazardous conditions or signs of instability reported by Mr. Davis. Mr. Wes Sorensen, Utah registered professional engineer, certified the waste rock pile inspection report on March 26, 2004.

**14. Subsidence Control**

The permittee has submitted two copies of the 2003 annual subsidence report with the annual report for the Mine to the Salt Lake Division headquarters. The review of that report will commence in the near future.

**16.b Roads: Drainage Controls**

The water bars which divert runoff to the outslope of the facilities water tank access road were inspected. All three of the diversions appear to be functioning as designed. This is a unsurfaced road with an occasional rock outcrop. Washed aggregate lines the diversions in one location. There was no evidence of significant erosion noted on the outslope of this road.

**22. Other**

Due to unusually heavy precipitation which the site was receiving this day, (both snow and rain), the access roads to the lower canyon containing the pump house, spring collection field, and leach field and the dugout road which accesses the Link Canyon facilities were felt to be inaccessible. These facilities will be inspected at a later time during the month of April.